

State of Idaho
Department of Health & Welfare
BUREAU OF WATER QUALITY
BUREAU OF LABORATORIESWATER QUALITY REPORT
CHEMICAL REPORT

See Back For Instructions

COPY DISTRIBUTION

White - Person requesting test
Canary - Lab
Pink - Water Quality Bureau (Storet)
Goldenrod - Extra as needed

LAB NAME (Check One)

- ☐
- Boise
-
- ☐
- Coeur d'Alene
-
- ☐
- Idaho Falls
-
- ☐
- Lewiston
-
- ☐
- Pocatello
-
- ☐
- Twin Falls

STORET No. _____
NPDES No. _____
Date of Collection (Yr., Mo., Day) 87/06/29
Time of Collection _____ Depth (Meters) _____
(24 Hr. Clock) Circle One DM DBM DVMSampling Point Location Cyprus Mining
Date Submitted (Yr., Mo., Day) 87/07/01
Submitted By D.R. McDowall

PURPOSE OF SAMPLE (Check one)

- ☐
- Intensive Survey
- ☐
- Trend
-
- ☒
- Compliance
- ☐
- Other _____

TYPE OF SAMPLES (Check appropriate boxes)

- ☐
- Wastewater
- ☐
- Raw
- ☐
- Final
- ☐
- Chlorinated
-
- ☐
- Grab
- ☐
- Cross Composite
- ☐
- Depth Integrated
-
- ☐
- Composite: Begin _____ End _____

SAMPLE TAKEN FROM (Check one)

- ☐
- Spring
- ☐
- Creek
- ☐
- River
- ☐
- Reservoir
- ☐
- Well
-
- ☐
- Lake
- ☐
- Lagoon
- ☐
- STP
- ☒
- Industrial
- ☐
- Drain

PRESERVED SAMPLES SUBMITTED

- ☐
- Cooled, 4° C
- ☒
- HNO
- ₃
-
- ☐
- H
- ₂
- SO
- ₄
- ☐
- NaOH
- ☐
- Other _____

STORET DEMAND (mg/L)

- (00310) ☐ BOD₅ (Est: _____) _____
(00335) ☐ COD Low Level _____
(00340) ☐ High Level _____
(00680) ☐ TOC _____

NUTRIENTS (mg/L)

- (00610) ☐ T. Ammonia as N _____
(00615) ☐ T. Nitrite as N _____
(00620) ☐ T. Nitrate as N _____
(00630) ☐ T. NO₂ + NO₃ as N _____
(00625) ☐ T. Kjeldahl Nitrogen as N _____
(00665) ☐ T. Phosphorus as P _____
(00669) ☐ T. Hydrolyzable Phosphorus as P _____
(70507) ☐ Ortho Phosphate as P. _____
(00671) ☐ Dissolved o-Phosphate as P _____

MINERALS (mg/L)

- (00095) ☐ Sp. Conductance (umhos/cm) _____
(00900) ☐ Hardness as CaCO₃ _____
(00410) ☐ T. Alkalinity as CaCO₃ _____
(00425) ☐ Bicarbonate Alk. as CaCO₃ _____
(00430) ☐ Carbonate Alk. as CaCO₃ _____
(00916) ☐ Calcium _____
(00927) ☐ Magnesium _____
(00929) ☐ Sodium _____
(00937) ☐ Potassium _____
(00940) ☐ Chloride _____
(00951) ☐ Fluoride _____
(00945) ☐ Sulphate as SO₄ _____
(00956) ☐ Silica as SiO₂ _____

MISCELLANEOUS

- (00076) ☐ Turbidity (NTU) _____
(00403) ☐ pH (SU) _____
(00720) ☐ Total Cyanide (mg/L) _____
(00116) ☐ Intensive Survey No. _____

STORET RESIDUE (mg/L)

- (00500) ☐ Total Residue _____
(00530) ☒ Non-Filterable Residue (105° C) (Suspended Solids) 26
26 } 26
(70300) ☐ Filterable Residue _____
(80154) ☐ Non-Filterable Residue (110° C) (Susp. Sediment) _____
() ☐ Other Residue _____

TRACE METALS (ug/L)

DISSOLVED METALS

- (01000) ☐ Arsenic, Dissolved _____
(01020) ☐ Boron, Dissolved _____
(01025) ☐ Cadmium, Dissolved _____
(01030) ☐ Chromium, Dissolved _____
(01040) ☐ Copper, Dissolved _____
(01046) ☐ Iron, Dissolved _____
(01049) ☐ Lead, Dissolved _____
(01056) ☐ Manganese, Dissolved _____
(71890) ☐ Mercury, Dissolved _____
(01065) ☐ Nickel, Dissolved _____
(01075) ☐ Silver, Dissolved _____
(01090) ☐ Zinc, Dissolved _____
() ☐ Other _____
() ☐ Other _____

TOTAL METALS

- (01002) ☒ Arsenic, Total <10
(01022) ☐ Boron, Total _____
(01027) ☒ Cadmium, Total <1
(01032) ☐ Chromium, + 6 _____
(01034) ☐ Chromium, Total _____
(01042) ☒ Copper, Total <10
(01045) ☐ Iron, Total _____
(01051) ☒ Lead, Total <10
(01055) ☐ Manganese, Total _____
(71900) ☒ Mercury, Total <5
(01067) ☐ Nickel, Total _____
(01077) ☐ Silver, Total _____
(01092) ☒ Zinc, Total <2
() ☐ Other _____
() ☐ Other _____

Date Completed 87/07/01 DHW Cont. Date Reported 1987/07/01
Chemist D.R. McDowallRemarks: Sample digested for metals.D.R. McDowall DHW Cont. Lab AUG 07 1987

RETURN TEST RESULTS TO

Name D.R. McDowall
Address 422 W. Wagh
City Boise State Id. Zip Code 83702